TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

HARTLEY'S PATENT ROUGH PLATE GLASS,

One-eighth of an inch thick, weighing two pounds to the foot, for

RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

SPECIMENS TO BE SEEN AT THE EXHIBITION, in the extreme south-eastern end of the building, adjoining the United States department.

Having ascertained a demand from those in search of an ornamental character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, whilst any greater thickness or weight is unnecessary, tending only to additional expense, Messrs. JAMES HARTLEY and CO. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE, one-eighth of an inch thick, or two pounds to the foot, is manufactured to class expressly for Ridge and Furrow Roofs 60 by 18 inches, three giving a span of 54 feet of light and obtaining weights for ordinary sheet of moderate scantling.

For ornamental purposes, it lends any ordinary wood to Gothic taste or overlaying canvas; the NON-TRANSPARENCY and strength renders it eminently suitable for the Glazing of Conservatories and Roofs of all kinds called Protective, Work-shops, &c. For suitable purposes it is supplied in squares of all sizes, from 6 by 6 inches and upwards.

Particulars and prices may be had upon application (Post Paid) to Messrs. Marshall in London or the Country, or to the Manufacturers, Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland.

N.B.—The Patent Rough Plate to be ordered one-eighth inch thick, and can be supplied one month sooner and less than the common Rough Plate.—May 1, 1851.

TO PLUMBERS AND OTHERS.

J. JONES, Iron Merchant, has always a good variety of GOTHICAL and SADDLE BOILERS in STOCK, also a few Second-hand, ornamental and plain copper Cylinders, suitable for Mansions and Villas. Hammersmith-road.—Patent Iron for Dormer, hot water pipes, cisterns, lamp appliances, flexible valves, stop cocks, fittings and tinned sheets, for gas and water. Descriptive catalogue of the above can be had, gratis, on application to J. J. Iron bridge-maker, &c. 4, Hammersmith-road, corner (the Sheffield Iron Bridge).

TO ARCHITECTS AND BUILDERS.

CHUBB'S WROUGHT-IRON and FIRE-PROOF DOORS and FRAMES, for strong Rooms. A new sheet of the above, of all sizes, made in the best manner, and of unusual strength, fitted with CHUBB'S PATENT DETECTOR LOCKS, throughout from fire to be only locks guaranteed to resist every instrument of force. FIRE-PROOF SAFES of every description by CHUBB and SONS, Patentees of Locks, 57, St. Paul's Churchyard, London; and 28, Lord-street, Liverpool.

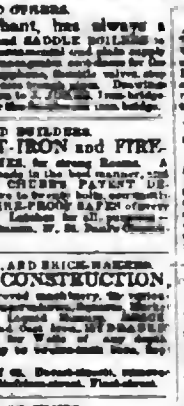
TO ARCHITECTS, BUILDERS, AND BRICK-MAKERS.

PUMPS of Superior CONSTRUCTION, bored perfectly true by improved machinery, the various parts of which are manufactured by the most accurate mechanical principles, and fitted together with the greatest care, so as to work with the least possible friction, by which they are rendered more durable, and draw more water than any other Pump. LEAD-LINED and CHALK-BORE PUMPS for Wells of any depth, and for every description of Water. FIRE-ENGINES and SUCTION PUMPS up to twelve-inch bore. Every description of Pump Work, Engines, &c. Estimates given free. Every wire for pump-rods, valves, chemicals, and for the East and West Indies.

HENRY POWER, late of 68, Broad-street, removed to the new Factory, Whitechapel-road, Finsbury.

FARM AND COTTAGE PUMPS.

PATENT CAST-IRON PUMPS, for the use of Farms, Mansions, Nurseries, Gardens, Villas.



Lead Pump £1 15 0
Lead Pump, with 10 feet of hose pipe complete, and brass ends ready for fixing 2 10 0

Larger sizes if required.

May be obtained of any Ironmonger or Plumber in Town or Country, or of the Patentees and Manufacturers,

JOHN WARNER and SONS, Cripplegate, London.

Every description of Machinery for Raising Water, Mines, Quarries, &c.

The usual allowance to the Trade.

CHURCH and TURRET BELLS cast to any weight, and hung. Ships, plantations, farming, sun, and clock bells of all kinds.

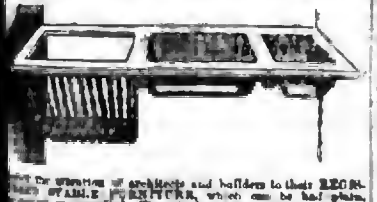
MUSICAL HAND BELLS

used in the aforesaid peals, are tuned with extreme care and facility to any system.

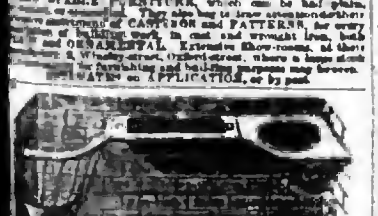
Ecclesiastical Bronzes, Pulpit Lights, and Brackets, for Gothic rooms or halls, to be had ready or taken in exchange.

J. WARNER and SONS, BELL FOUNDERS and ENGINEERS, &c.

COTTAM and HALLEN, Engineers, Iron-mongers, and Smiths, 8, Windsor-street, Oxford-street.



For the attention of architects and builders to their REGISTERED STABLE FURNITURE, which can be had plain, or ornamental. They also beg to draw attention to their improvement of CASEMENT and PATTERNS, for every description of fastening work, in cast and wrought iron, both PLAIN and ORNAMENTAL. Extensive Show-rooms, at their Manufactory, 8, Windsor-street, Oxford-street, where a large stock is kept for furnishing and building purposes may be seen. ESTIMATES on APPLICATION, or by post.



SAMUEL HOOD and Co., Castings Warehouse, 6, Dyer Yard, Vigo-street, REGISTERED STABLE FURNITURE, Ornamental Hangings, with double ingot iron, of which they are the manufacturers on reasonable terms. Also, girders, columns, hot water pipes, garden furniture, cattle troughs, &c., at the lowest prices.

ARTESIAN WELLS, BORING for WATER, SINKING SHAFTS, &c.—The Patentee, Geologist, Mineral Surveyor, Borer, Miner, Engineer, and Chemist, respectfully begs to announce that he continues to undertake the above operations, under the superintendence of DAVID MAPLEY, Civil Engineer, and Fellow of the Royal Society, 10, Clement's-inn, Strand, London. Gentlemen favoured with any enquiry or commission, for City or Western Districts, may rely on the same being executed with the utmost promptitude and economy. Plans and Estimates supplied, and Reports made on Boring Tools and suitable Pipes for superficial drains, with illustrations.

THE OLD-ESTABLISHED WATER-SIDE IRON FOUNDRY, MAIDSTONE—WYKES and PETMAN, Iron and Brass Founders, Engineers, Millwrights, Agricultural Implement Makers, and General Smiths, having for many years carried on the above business with much success, and CO-JOINING, beg to announce that, whilst their best energies and endeavours will be devoted to the object of punctually executing all orders which may be intrusted to their care, together with a due regard to economy in charges and excellence of material and workmanship. Sole Agents for the Aylesford Pottery Company.

WIRE NETTING and WINDOW BLIND MANUFACTORY.—To her Majesty's Honourable Board of Ordnance, and the Honourable East India Company.—Wire Netting, 1d. per square foot; fashioned ditto, requiring no paint, 2d.; Wire Blinds, in mahogany frames, and hooks, complete, 1s. 6d. per foot; Zinc ditto, 1s. 6d. per foot; Fencing, 2d. per foot; Hurdles, Transparent, and Wicker ditto of all kinds. Old blinds repainted, repaired, and written upon. Wire work for flower trellises, garden arches, seats, pheasantries, aviaries, and fruit houses of every description of ornamental work, in copper, brass, and iron wire, at THOMAS HENRY FOX'S CITY CLARENDON WIRE WORKS, IRON FENCE, and WEAVING MANUFACTORY, 44, Skinner-street, and 3 and 4, Snow-hill, London. Every information, with samples or specimens and drawings of work, forwarded post free. Wove wire for paper-makers, engravers, chemists, and for the East and West Indies.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

With internal action, and all the latest improvements.

Constructed for the ventilation of apartments generally.

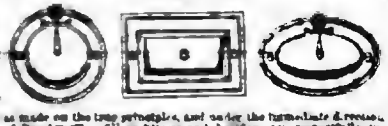
REDUCED LIST OF PRICES—SUBJECT TO THE TRADE DISCOUNT.

	Plain tins, 12 by 8	Second size, 16 by 9
Plain Iron Valve	£ 7 0	£ 9 0
Screened and Louvered	7 5	10 0
Japanned white with Gold Irons	11 0	14 0
Ditto with Trellis work	17 0	22 0
Brass Front hinged or screwed	13 0	18 0
Ditto with Trellis work	20 0	27 0

Manufactures of any description made to order.

Manufactured by HART and SONS, 72, St. M. Wyke-street, Strand, London.—Post-office orders payable at 388, Strand.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.



as made on the true principles, and under the immediate direction of Dr. Arnott. All architects and builders are respectfully informed, that to secure ventilation really constructed on Dr. Arnott's principle, they must be procured from the original manufacturer, unless abuse has arisen, and repeated failures have taken place, through the want of rules as regarding to the Dr. Arnott's but which are, in fact, altogether different in construction, and have been disclaimed by the Doctor as not being by any means calculated to carry out his intentions; for, in many practical use, they are found totally useless, so as to occasion the absolute cause of failing the room with smoke, instead of being useful as a means of ventilation. The trade were strong, that many architects, in their specifications, have limited it necessary to direct them DR. ARNOTT'S VENTILATORS shall be of EDWARDS'S MANUFACTURE.

The Valve, made in a variety of patterns and sizes, at prices from 5s. to 15s. Terms to the trade on liberal principles. Prospectus with prices and views to be had (post free) on application.

F. EDWARDS, 46, Poland-street, Oxford-street.

MOORE'S PATENT LEVER VENTILATOR.

The principle of the LEVER VENTILATOR is of simple and most effective, which will be seen by a reference to the annexed sketch, and its action is so arranged that the ventilating sash, closer to the glass. Louvre, parts is in any way likely to get out of order. The whole of the Frame, Levers, and Rods are made of brass, thereby preventing rust. It is suited to wood frames of mullions, and is operated and closed with great facility, and can be regulated to any quantity of ventilation. Its action is produced by a lever, which pulled, opposite the Louvre, and when closed, all the light. It takes less space than any other Ventilator, and does not interfere with the appearance of the window. Much greater ventilation is obtained by the Louvres opening out each by which the air passes upwards, and is equally distributed over the whole of the apartment. Orders for Ventilators should give the right measure of the sash for which they are intended. A cheaper description of this Ventilator made for Churches, Chapels, Bed rooms, Work shops, &c. JOHN MOORE and SONS, Church, Turret, and House Clock Makers to the Honourable Board of Ordnance, the Russian Government, and the Emperor of China, S.R.—A List of the Clocks made at the above Manufactory can be had either by post or otherwise

THE ST. HELEN'S CROWN, SHEET, and PLATE-GLASS COMPANY, ST. HELENS, LANCASHIRE, manufacturers of all kinds of brown window Glass, patent plate, glass shades and ornamental glass; also of church, conservative, and other windows, in the modern and antique styles and specialties, or taken in exchange for broken glass; also ready to hand for delivery, for the accommodation of the principal Metropolitan districts, a large assortment of the undermentioned Glass, viz.:—CHANCERY PLATES, 24 by 14, three-quarter, first quality, Portman-square.—Cash only.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public, that I have now completed a spacious STORE-ROOM, entirely for the trade, and am now executing orders. I am enabled to reduce my former prices considerably. The prices are now from 10s. PER SHEET. FIRE-PROOF SAFES and boxes from SIXPENCE PER POUND LESS. A large quantity of the cheapest patterns always in stock. JAMES GRAY, Glass Merchant, 3, Great Russell-street, Bloomsbury-square, W.C., CHARLES PLACE, No. 1, Store-street, Bedford-square, Portman-square.—Cash only.

E and W. B. JACKSON beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE, sheared and flatted, unsurpassable for quality and finish. ROUGH PLATE, CROWN, SHEET, COLOURED, and ORNAMENTAL GLASS, in every variety, of the best manufactures, on the lowest terms. Designs and estimates furnished for ornamental windows either for houses or church decorations. All applications for specimens and lists of prices to be made to their warehouses, 321, OXFORD-STREET.

SOHO GLASS WAREHOUSE, 26, SOHO SQUARE.—ALFRED GOSLETT begs to inform Architects, Builders, and the trade generally, that he is prepared to forward estimates for the following descriptions of Glass upon application:—BRITISH PLATE GLASS, of the finest quality; Second PATENT PLATE GLASS. ORNAMENTAL GLASS, of all descriptions; COLOURED GLASS; ROUGH PLATE GLASS, 1-8th, 1 and 1-inch thick; PATENT ROLLED ROUGH PLATE, 1-8th inch thick; CROWN, SHEET, and HORTICULTURAL GLASS, all of the best quality and in any given sizes, packed; BELGIAN SHEET GLASS, to order commencing the first inch one halfpenny, or 1d. to per cent.

THOMAS MILLINGTON begs to inform BUILDERS and the Trade that he now supply them with FOREIGN and ENGLISH WINDOW GLASS, Plate and Oil cured, of every description, in the following sizes:—ROUGH PLATE 1-inch thick. Sheet Patent Glass, &c. White Lead, Paints, Colours, Oils, Varnishes, Brushes, &c.; Milled and Sheet Lead, Lead Pipe, Sheet Zinc, Tin, Copper, Iron, Solder, Wrought Iron, Bar, Hoop, Sheet, and Boiler Plate, and every description of the very best Iron. Glass Ornament Shades, Wire-gauze, Papercutting and Fire Glasses.—Address, 27, Bishopsgate-street Without.

See Advertisement Saturday, June 28, 1851.

GLASS WATER PIPES.—Messrs. COATHUPE and CO. Crown and Sheet Glass Manufacturers, Bristol, near Bridge, beg to inform Engineers and others that they are supplying Glass Pipes, with their joints, from 1 to 4 inches bore, capable of maintaining very great atmospheric pressure, in lengths from 5 to 7 feet, the lengths being less as the diameters increase. These pipes may be seen at the Exhibition, with their various forms and modes of jointing in Class C, Section 24; and references can be given of their great utility in numerous localities where they have been successfully employed. The great advantage of these pipes for the conveyance of pure water over all metallic or earthenware pipes has been fully proved, upon the most unbiased and scientific authorities to render any further comment.

PAPER HANGINGS, by E. T. ARCHER'S patented Machines, Blocks, Cylinders, and Art-ideal Labour, at his Manufactory, for all kinds of papers adapted for Internal decorations. PANELLED DECORATIONS fitted up to the walls of the extensive Show Rooms, in every flat new style, and for all purposes, by artists of the very first rate.

Always on hand a CHEAPER and EXTENSIVE SELECTION of FRENCH PAPERS, for whole rooms than can be seen at Paris.

A Machine to the paper hanging Gallery there to the observed movement of CABINET PAPER-HANGING to be taken, of the best make, and upholstered inside of the first fabrics, brocades carpet, at 3s. per yard, door cloths, to be had cut to match, cut to any dimensions, 4s to 6s per yard, also cord ornament curtains of the finest fabrics, 3 feet wide, 4s. per yard, &c.

E. T. ARCHER'S, 49, Oxford-street.

PAPER HANGINGS.—R. HORNE, PAPER HANGINGS MANUFACTURER, 41, Great Queen-street, City, respectfully begs to inform Architects, Builders, and the trade in general, that he PAPER HANGINGS, strictly by the end of proportional machinery, he is enabled to offer on the following prices, in stock quantities, for cash only, 5 per cent.

Stone lining paper	6d.	2d.
Superfine do.	6d. and 7d.	2d.
Rich flock ditto	9d.	3d.
An excellent cloth paper	9d.	3d.
Stone-room ditto, with blended grounds	9d. to 1s.	3d.
Rich made to marble	1s. to 1s. 6d.	3d.
Flock and satin papers	1s. 6d. to 2s. 6d.	3d.
Flock papers	2s. 6d. to 3s. 6d.	3d.
Hand-made grounds	3d. to 1s. 6d.	3d.

Every novelty in French and English panelled decorations always on hand, also a good assortment of fancy woods.

N.B. Patterns sent into the country, by post, showing the style and quality of the above, on receipt of two stamps, and the goods despatched with promptitude on receipt of a remittance to the amount of the order given.

NEW SHOW-ROOMS FOR BEDSTEADS.—HEAL and SON have erected some extra rooms in Wareroom for the purpose of keeping every description of Bedstead. In it a these street will consider every sort assembled and, from the cheapest stamp, for common use, to the most expensive Wrought tubed and plated Canopy, as well as those Bedsteads of every shape and pattern; and in Wicker Bedsteads their rooms are sufficiently extensive to allow them to be up a row only, both in Polished Birch and Mahogany, of Four-post, Canopy, and French Bedsteads, and Sofa Bedsteads, to keep in stock every sort of Bedstead that is made, and they have also a very full assortment of Furniture Chintzes, Damasks, and Dimities, so as to render their stock complete for the Furnishing of Bedsteads as well as Beds. And with the intention that no competition with the system as a trade the lowest class of Furniture is sold and which is fit for useful purpose, their new stock will be found to be priced on the same principle by which they have been selling Trade for a during the last thirty years, from no one carefully examined, and the goods, whether of a plain and simple pattern, or of a handsomest and most rich description, are of well-proportioned dimension, sound workmanship, and warranted.

HEAL and SONS' List of Bedsteads, Bedding, Furniture, Bedding, and Prices of every description of Bedding, sent free by post, on application to their Factory.

196 opposite the Chapel, Tottenham-court road, London.